

Reflector Trim				Frame-In Kit
(Lens:)	Fresnel	Clear	Prismatic	S7218HU 7" aperture, 2 lamp 18W Quad Tube CFL (120/277V) 2-pin and 4-pin S7226HU 7" aperture, 2 lamp 26W Quad Tube CFL (120/277V) 2-pin and 4-pin Dimming Options: S7218H <input type="checkbox"/> or S7226H <input type="checkbox"/> CU3 Lightolier PowerSpec 3% Dimming (120/277V) J1LD3 Lutron 3% Dimming (120V) J2LD3 Lutron 3% Dimming (277V) JUM7 Mark 7 Dimming (120/277V) J1MX Mark 10 Dimming (120V) J2MX Mark 10 Dimming (277V) Other dimming product available, please consult factory
Clear Cone, White Flange	8096FCLW	8096CCLW	8096PCLW	
Clear Cone, Polished Flange	8096FCLP	8096CCLP	8096PCLP	
White Cone, White Flange	8096FWHW	8096CWHW	8096PWHW	
Opal Diffuser				
Clear Cone, White Flange	8096DCLW			
Clear Cone, Polish Flange	8096DCLP			
White Cone, White Flange	8096DWHW*			

Features

- Reflector:** 16 ga. Die-formed aluminum, Anobrite finish.
- Socket Cup:** Snaps onto reflector neck to assure consistently correct optical alignment without tools.
- Retaining Springs:** Precision-tooled steel friction springs secure reflector to mounting frame for quick, tool-less installation.
- Mounting Brackets:** 16 ga. steel. Adjust from inside of fixture. Use 3/4" or 1 1/2" lathing channel, 1/2" EMT, or optional mounting bars.
- Ballast/J-Box:** Outboard mounted to reduce heat transfer and maintain lamp efficacy and life. Service from below without tools.
- Shielding Media:** Molded acrylic. Available in fresnel lens, clear lens, or opal diffuser. Secured to aperture cone.
- Cone:** 16 ga. Alzak aluminum. Clear Iridescence Free finish or Comfort Clear™ low iridescence finish. Retained by friction springs; no loose parts.

Electrical

Note: For ballast electrical data and latest lamp/ballast compatibility refer to "Ballast" specification sheet for complete electrical data.

UL listed for through branch circuit wiring with max of (8) No. 12 AWG, 90° C supply conductors.

Options and Accessories

Comfort Clear™ Finishes ¹	Other Finishes
Clear CCL	White WH
Diffuse CCD	
Champagne Bronze CCZ	

¹Specify desired flange

W White, **P** Polished

Emergency Add suffix **EM***

Chicago Plenum Add suffix **LC**

Options and Accessories (continued)

Existing/Thk. Ceiling **FA EC7***
 Existing/Thk. Ceiling **FA EM3E* (4 pin)**
FA EM4E* (4 pin)
FA EM2T* (2 pin)

Fuse (Slow Blow) Add Suffix **F**

*See Spec. Sheets: FAEC, FAEM

Mounting Bars & Accessories; see Specification Sheet MBA.

Sloped Ceiling Adapters; see Specification Sheet SCA.

Labels

All units are UL listed for wet locations, Opal Diffuser is UL listed for damp locations, I.B.E.W.

Alzak® is a registered trademark of ALCOA.

US Patent Pending.

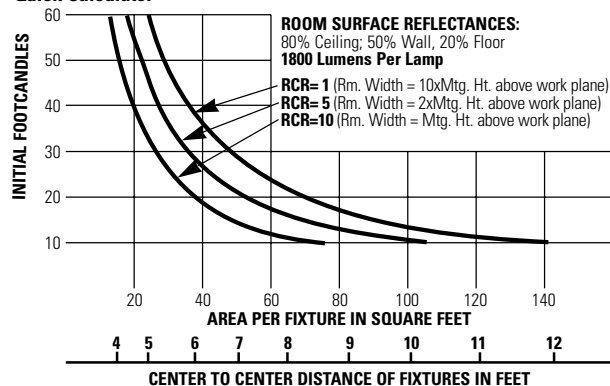
Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

We reserve the right to change details of design, materials and finish.

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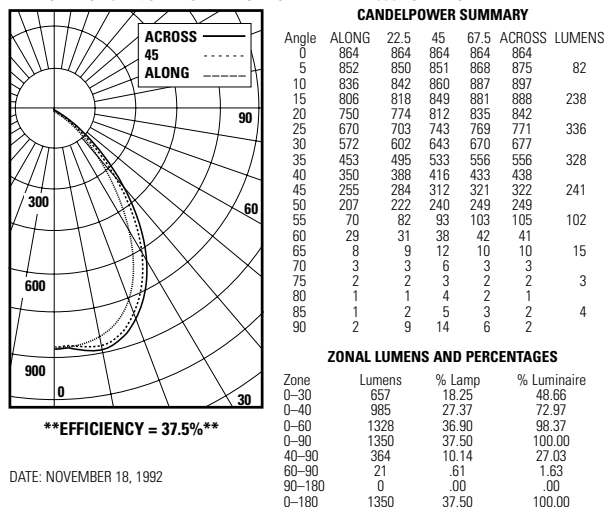
26W Fresnel Lens Quick Calculator



This quick calculator chart determines the number and spacing of 2 Lt. 26 watt Quad Tube units with Fresnel Lens and clear cone, for any level of illumination.
Conversion Factors: 26W, Fresnel Lens with White Cone = F.C. x 0.9; 18W, Fresnel/Clear Cone = 0.8; 18W Fresnel/Clear Cone = 0.7.

Spacing Ratio = 1.2

Certified Test Report Number: 2550
COMPUTED BY: LSI PROGRAM "TEST-LITE"
PREPARED FOR: LIGHTOLIER INC.
APERTURE: 7 1/4"
REFLECTOR: SPECULAR CLEAR ALZAK CONE WITH REGRESSED FRESNEL LENS
LAMPS: TWO 26W QUAD TUBE LENS EACH RATED AT 1800 LUMINES.



DATE: NOVEMBER 18, 1992

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

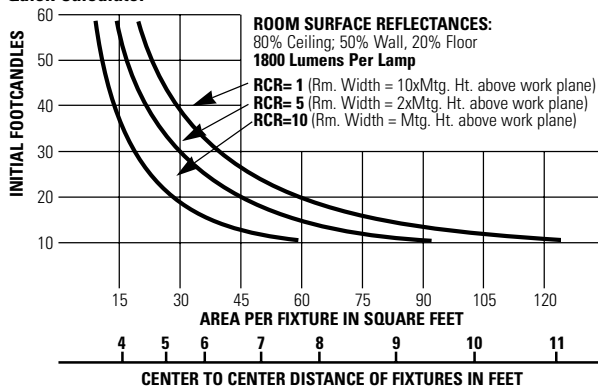
Coefficients of Utilization

ROOM CAVITY RATIO		% Effective Ceiling Cavity Reflectance															
		80			70			50			30			10			0
		%Wall Reflectance															
		50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
1		.41	.40	.39	.41	.40	.39	.39	.38	.38	.38	.37	.36	.36	.36	.35	.35
2		.38	.37	.35	.38	.36	.35	.38	.35	.34	.35	.34	.34	.34	.34	.33	.32
3		.35	.33	.32	.35	.33	.32	.34	.32	.31	.33	.32	.31	.32	.31	.30	.30
4		.33	.31	.29	.32	.31	.29	.32	.30	.29	.31	.29	.28	.30	.29	.28	.27
5		.30	.28	.26	.30	.28	.26	.29	.27	.26	.29	.27	.25	.28	.27	.25	.25
6		.28	.26	.24	.28	.26	.24	.27	.25	.24	.27	.25	.24	.26	.25	.23	.23
7		.26	.23	.22	.26	.23	.22	.25	.23	.22	.25	.23	.21	.24	.23	.21	.21
8		.24	.21	.20	.24	.21	.20	.23	.21	.20	.23	.21	.19	.22	.21	.19	.19
9		.22	.20	.18	.22	.20	.18	.21	.19	.18	.21	.19	.18	.21	.19	.18	.17
10		.20	.18	.16	.20	.18	.16	.20	.18	.16	.20	.18	.16	.19	.17	.16	.16

20% FLOOR CAVITY REFLECTANCE

Conversion Factors: 26W, Fresnel Lens with White Cone: C.U. x 0.9; 18W, Fresnel/Clear Cone = 1.1; 18W, Fresnel/White Cone = 1.0.

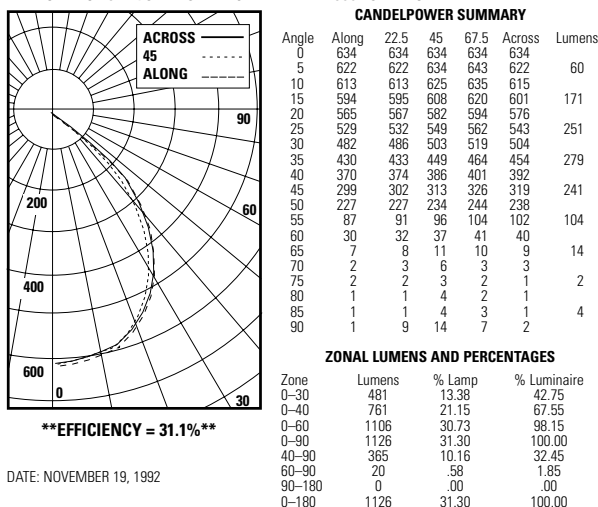
26W Opal Diffuser and Clear Lens Quick Calculator



This quick calculator chart determines the number and spacing of 2 Lt.-26 watt Quad Tube units with Opal Diffuser and Clear Cone for any level of illumination.
Conversion Factors: Opal Diffuser/White Cone = F.C. x 0.9; Clear Lens/Clear Cone = F.C. x 1.2; Clear Lens/White Cone = F.C. x 1.1; 18W, Opal Diffuser/Clear Lens = 0.8; Opal Diffuser/White Cone = 0.7; Clear Lens/Clear Cone = 0.9; Clear Lens/White Cone = 0.8.

Spacing Ratio = 1.2

Certified Test Report Number: 2551
COMPUTED BY: LSI PROGRAM "TEST-LITE"
PREPARED FOR: LIGHTOLIER INC.
APERTURE: 7 1/4"
REFLECTOR: SPECULAR CLEAR WITH REGRESSED OPAL DIFFUSER
LAMPS: TWO 26W QUAD TUBE EACH RATED AT 1800 LUMINES.



DATE: NOVEMBER 19, 1992

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

Coefficients of Utilization

ROOM CAVITY RATIO		% Effective Ceiling Cavity Reflectance															
		80			70			50			30			10			0
		%Wall Reflectance															
		50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
1		.34	.33	.33	.34	.33	.32	.32	.32	.31	.31	.31	.30	.30	.30	.29	.29
2		.32	.30	.29	.31	.30	.29	.30	.29	.28	.29	.28	.28	.28	.28	.27	.26
3		.29	.27	.26	.29	.27	.26	.28	.27	.25	.27	.26	.25	.26	.25	.25	.24
4		.27	.25	.23	.27	.25	.23	.26	.24	.23	.25	.24	.23	.25	.23	.22	.22
5		.25	.23	.21	.24	.22	.21	.24	.22	.21	.23	.22	.21	.23	.21	.20	.20
6		.23	.21	.19	.22	.20	.19	.22	.20	.19	.21	.20	.19	.21	.20	.18	.18
7		.21	.19	.17	.20	.18	.17	.20	.18	.17	.20	.18	.17	.19	.18	.17	.16
8		.19	.17	.15	.19	.17	.15	.18	.16	.15	.18	.16	.15	.18	.16	.15	.14
9		.17	.15	.14	.17	.15	.14	.17	.15	.14	.17	.15	.13	.16	.15	.13	.13
10		.16	.14	.12	.16	.14	.12	.15	.14	.12	.15	.13	.12	.15	.13	.12	.12

20% FLOOR CAVITY REFLECTANCE

Conversion Factors: 26W, Opal Diffuser/White Cone: C.U. x 0.9; Clear Lens/Clear Cone = C.U. x 1.2; Clear Lens/White Cone: C.U. x 1.1; Opal Diffuser/Clear Lens = 1.1; Opal Diffuser/White Cone = 1.0; Clear Lens/Clear Cone = 1.3; Clear Lens/White Cone = 1.2.

Job Information

Type:

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